

BODY FAT REGULATION

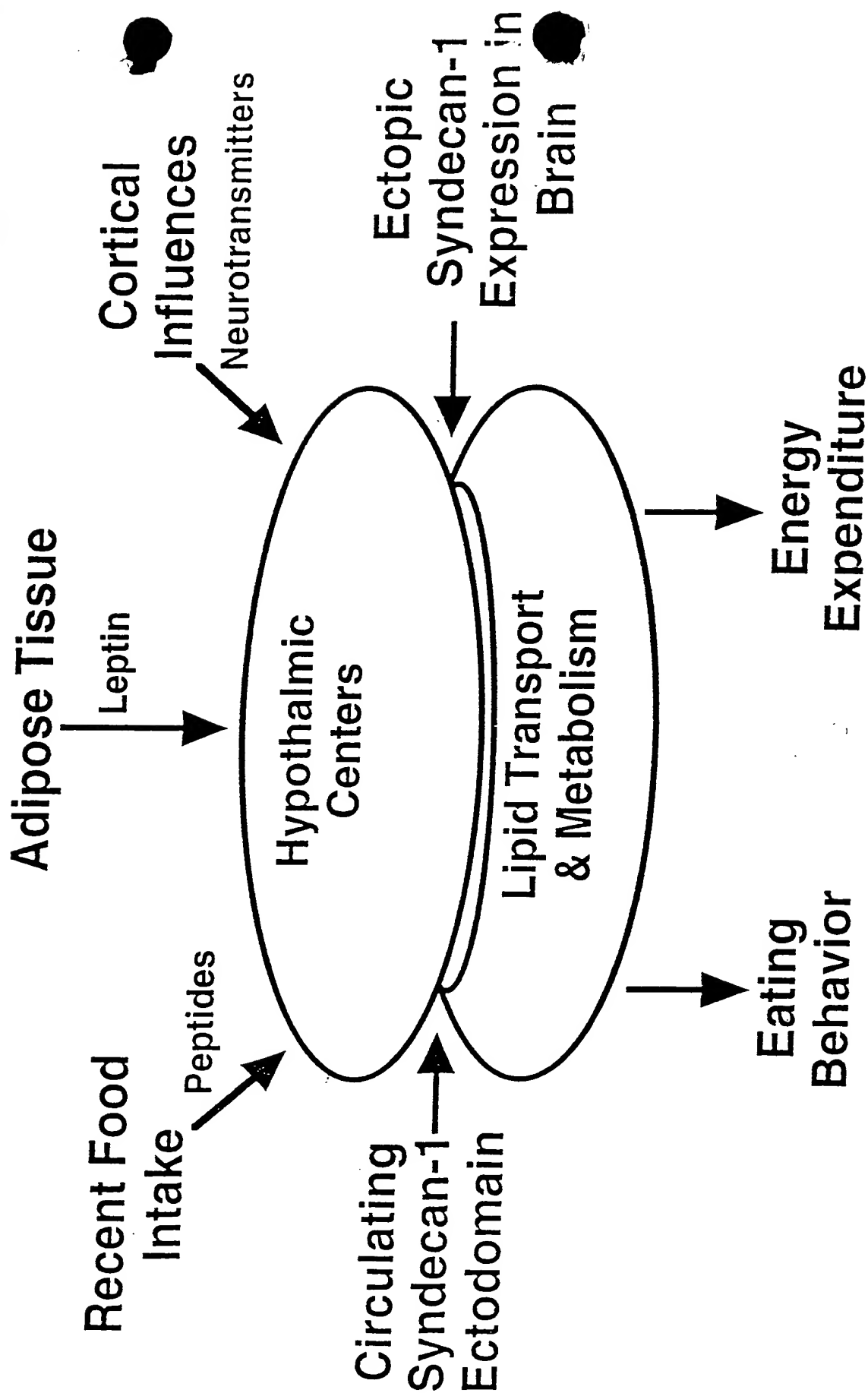


FIG. 1

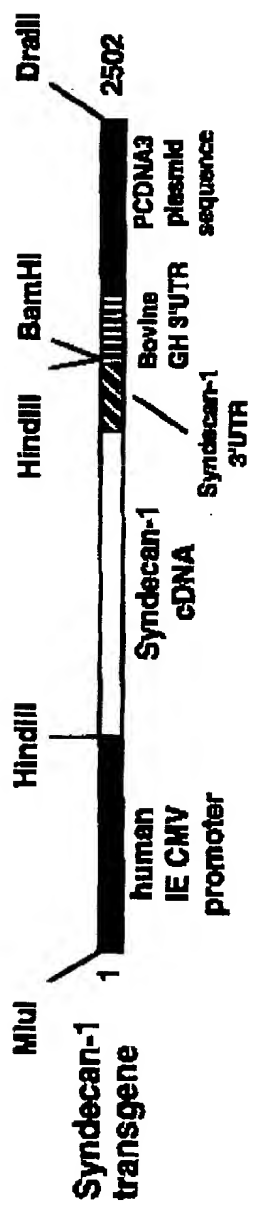


FIG. 2a

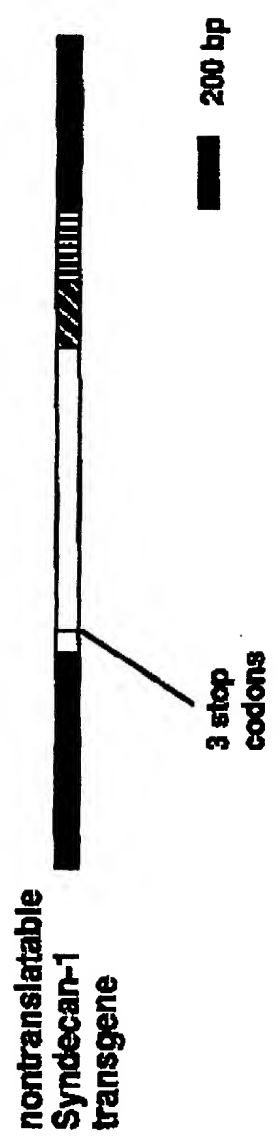


FIG. 2b

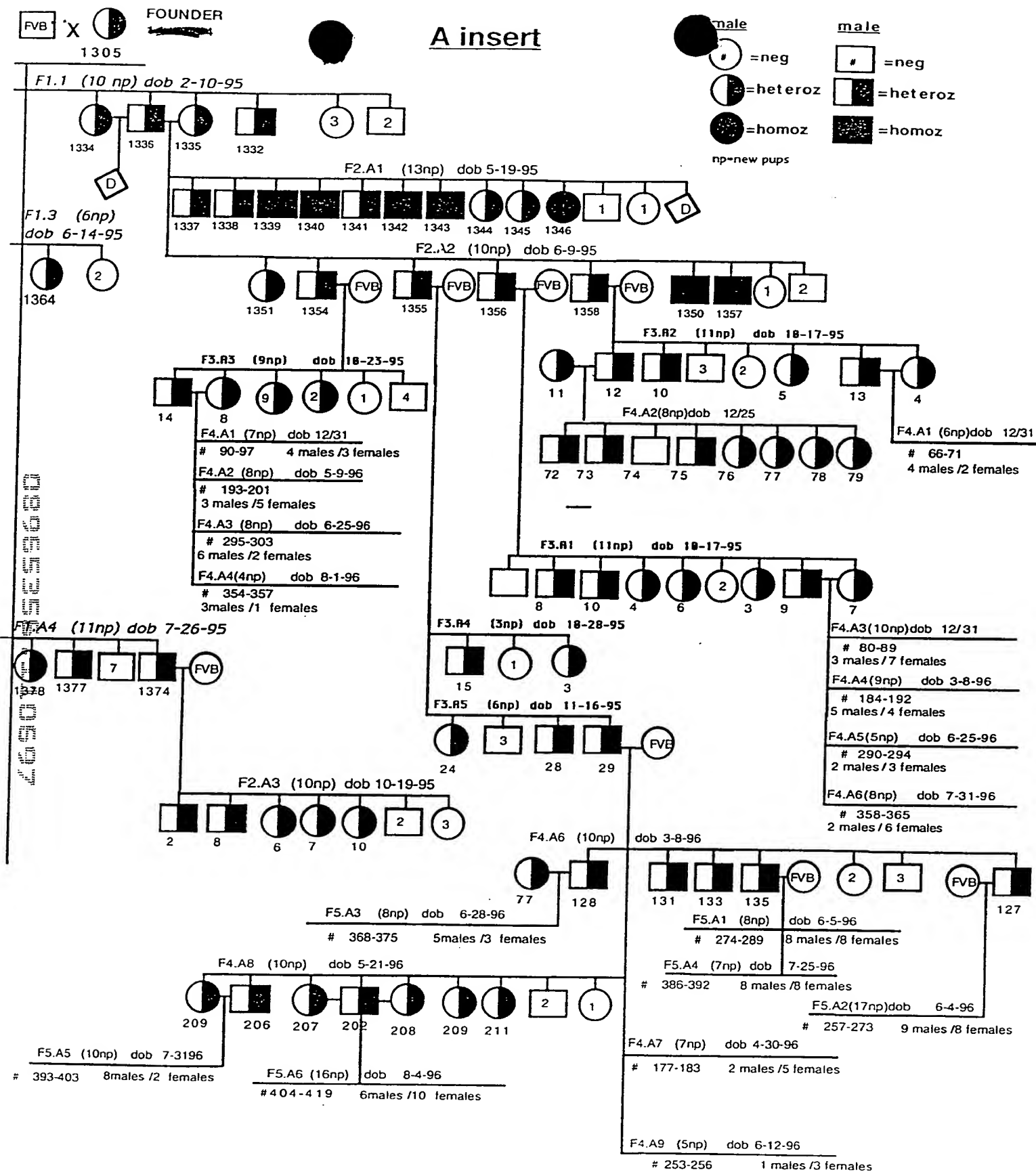


FIG. 3a

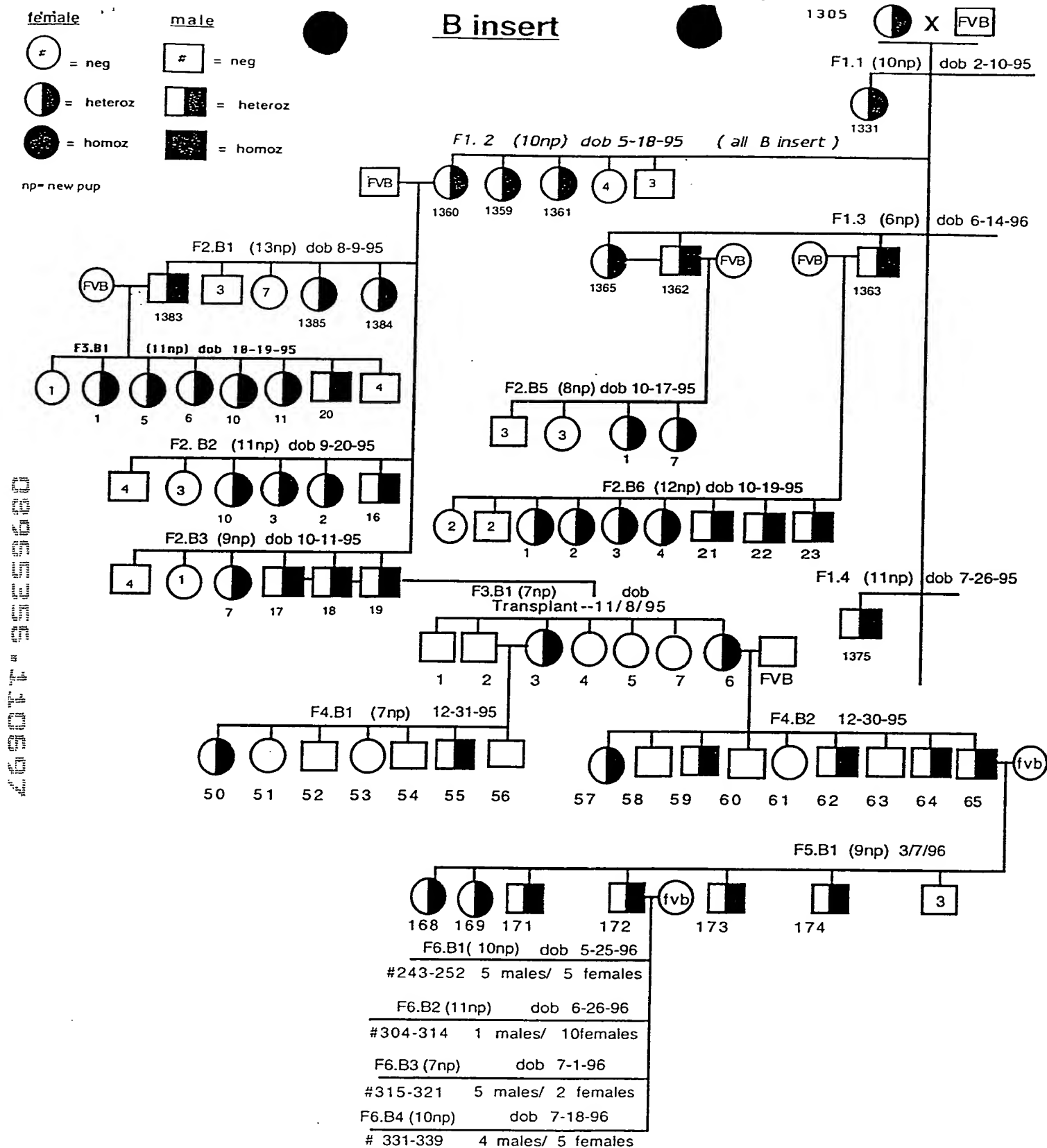


FIG. 3b

MATURITY ONSET OBESITY[™] CORRELATES WITH GENOTYPE

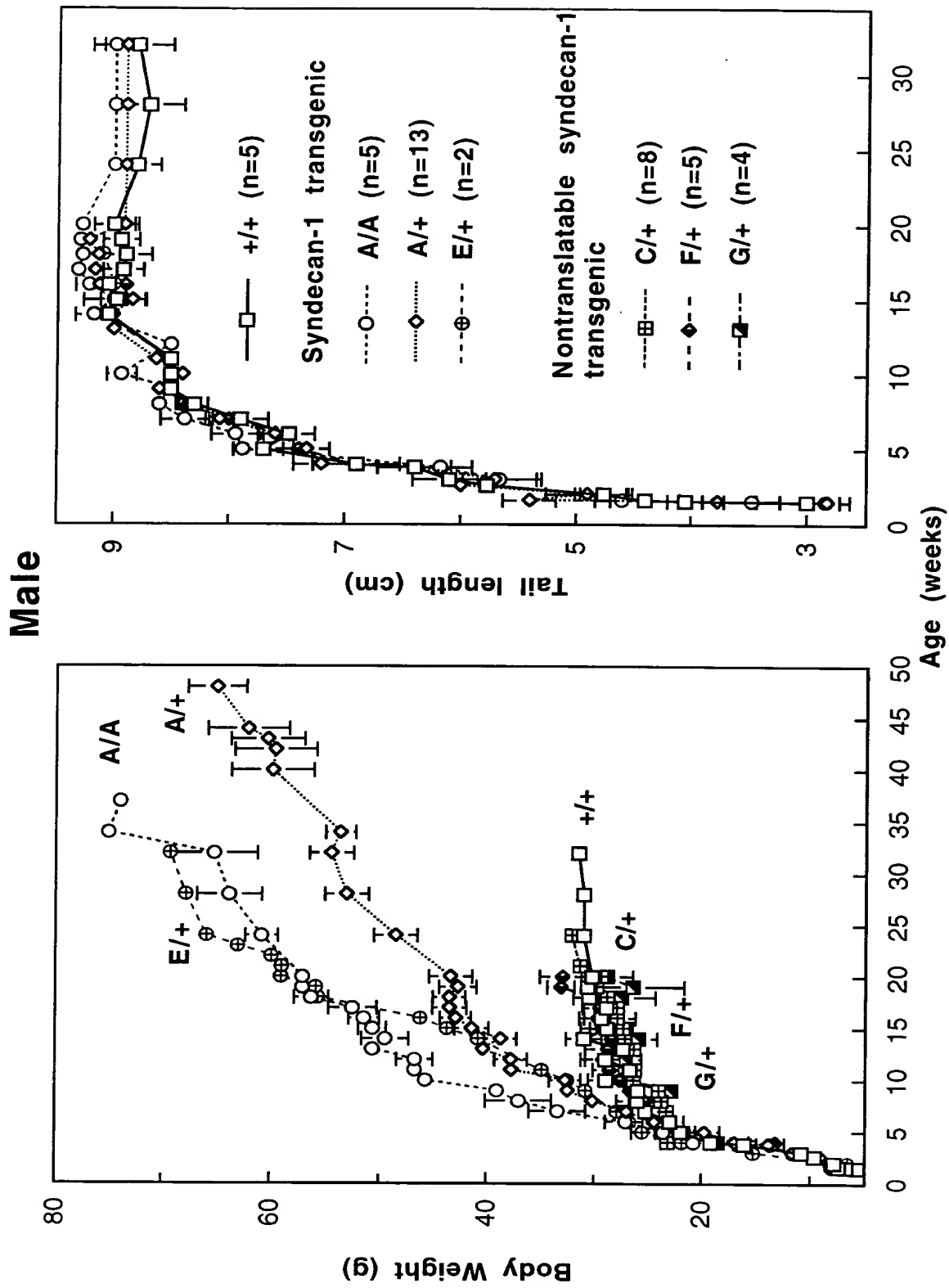


FIG. 4b

MATURITY ONSET OBESITY CORRELATES WITH GENOTYPE

Female

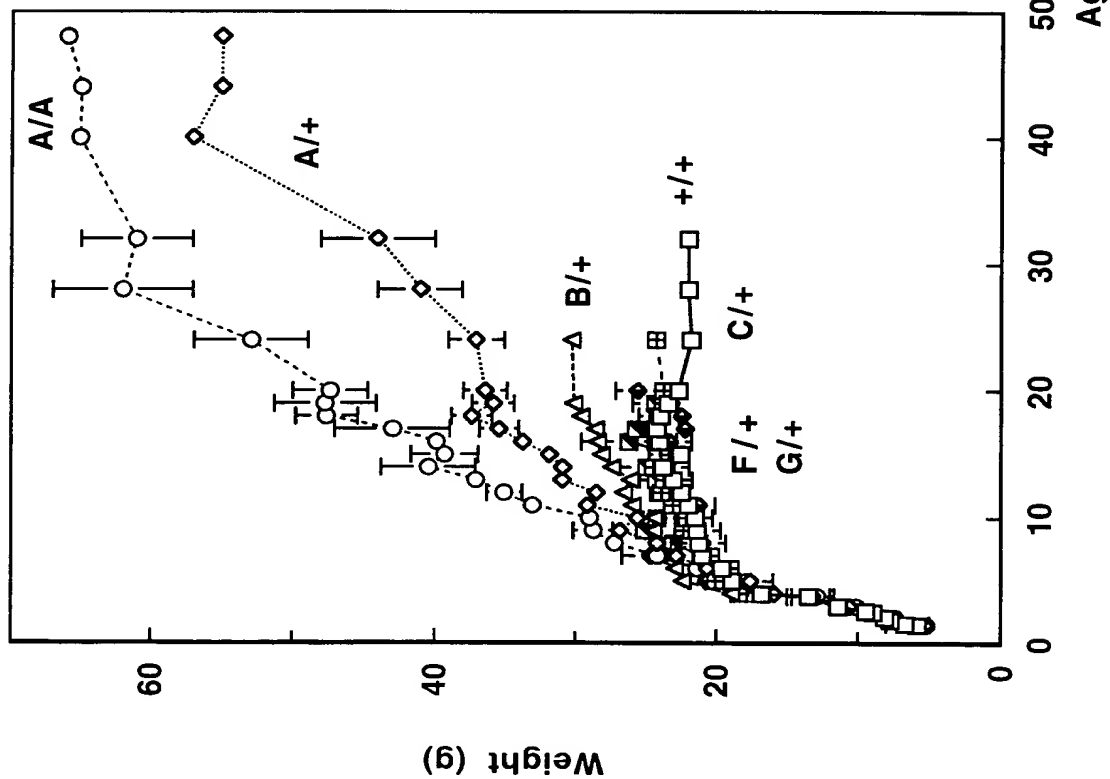


FIG. 5a

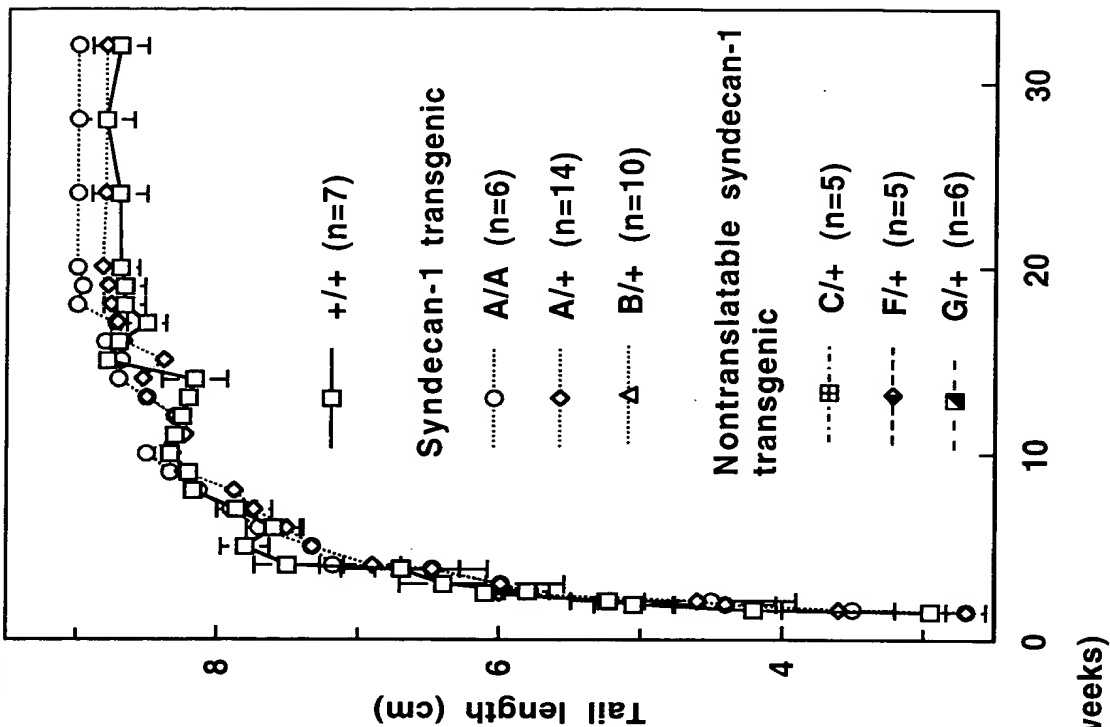
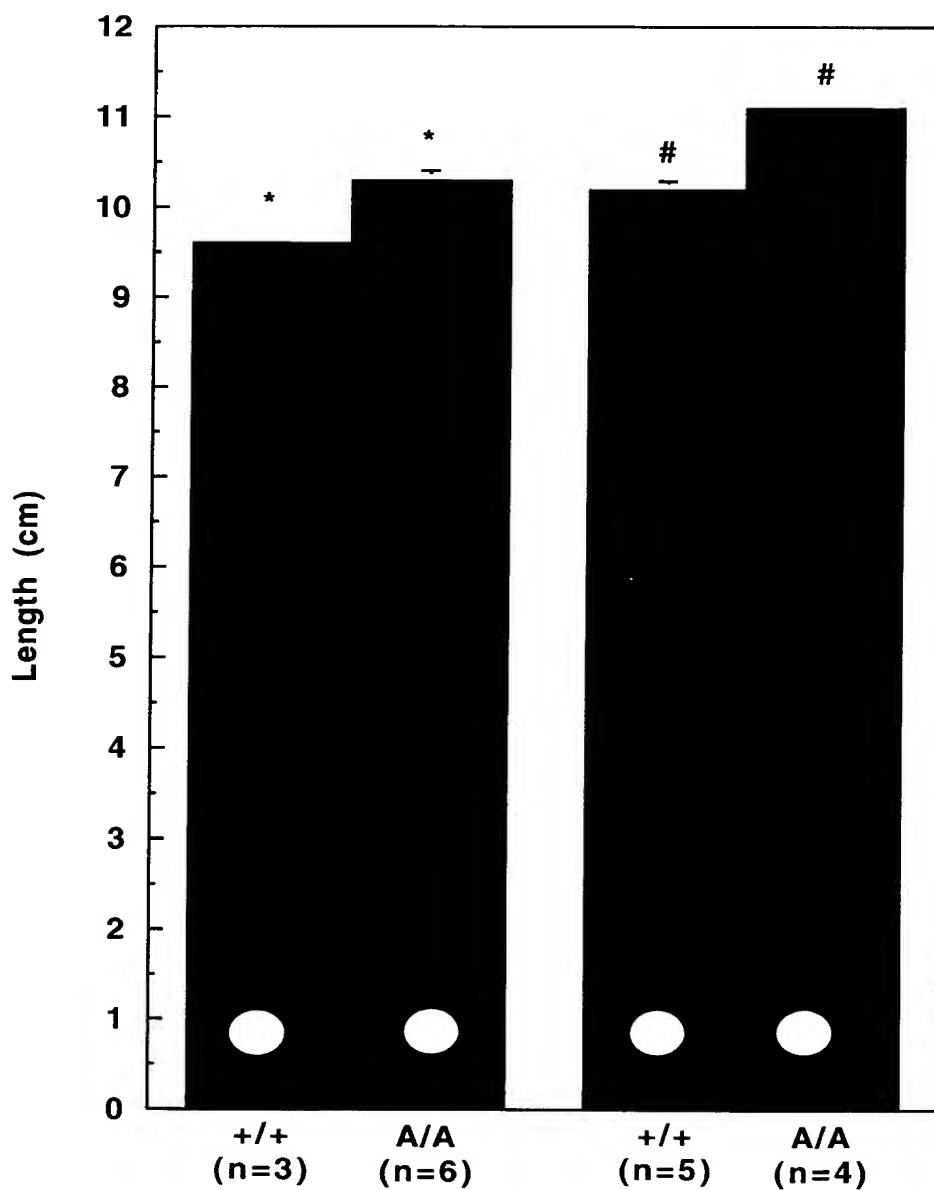


FIG. 5b

TRANSGENIC MICE ARE LARGER THAN WILD TYPE CONTROLS AT SIX MONTHS OF AGE



* $p < 0.005$

$p < 0.001$

FIG. 6

TRANSGENIC MICE ARE HYPERPHAGIC

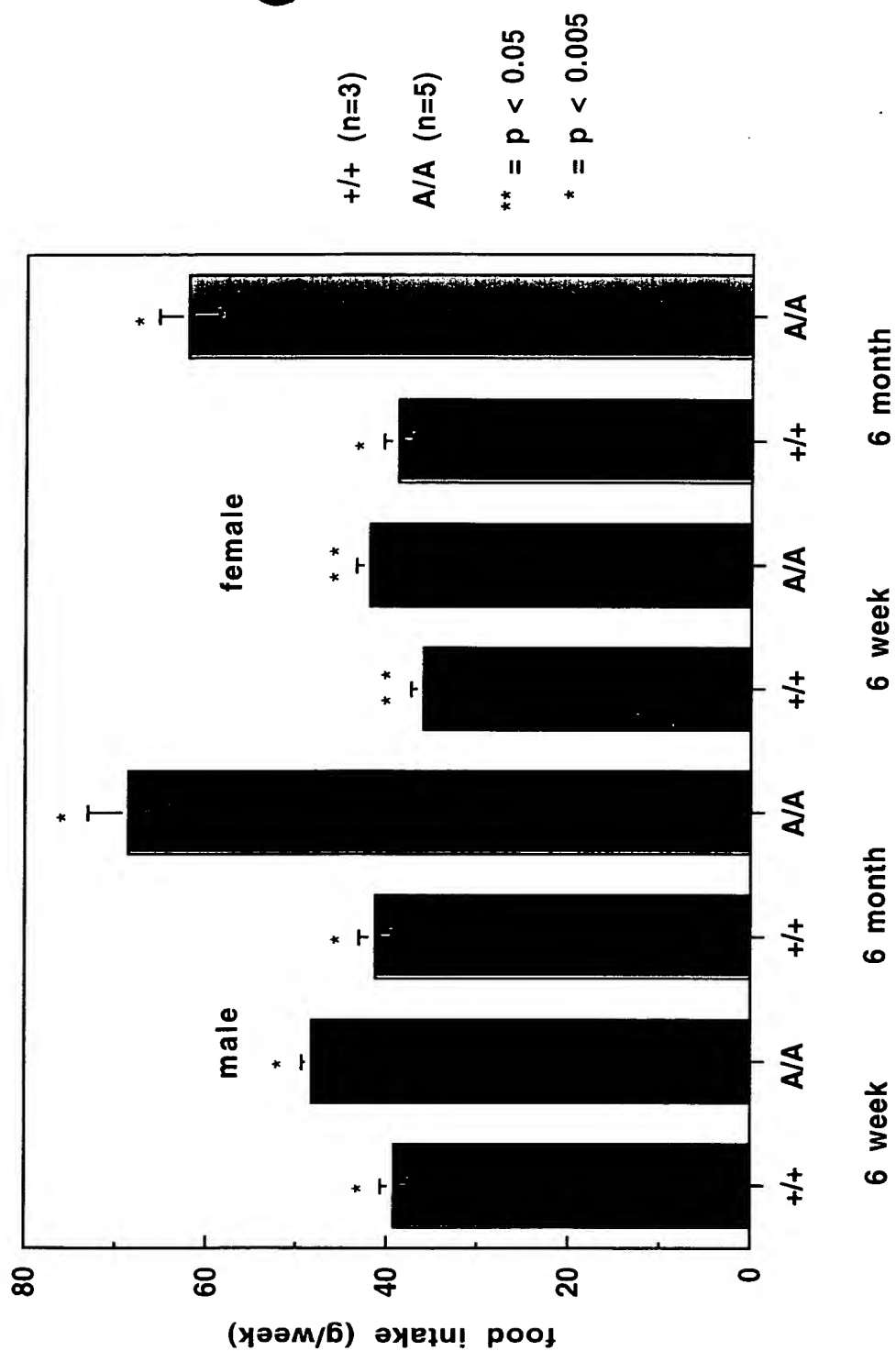


FIG. 7

MALE LEPTIN BLOOD LEVELS CORRELATE WITH OBESITY

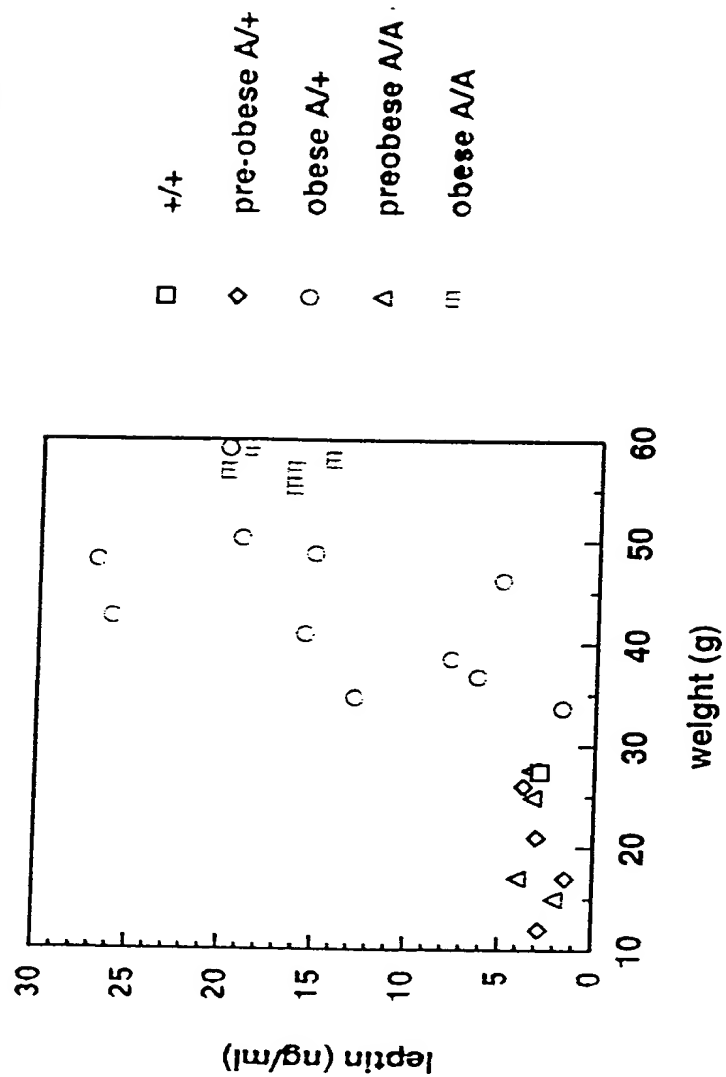


FIG. 8a

FEMALE LEPTIN BLOOD LEVELS CORRELATE WITH OBESITY

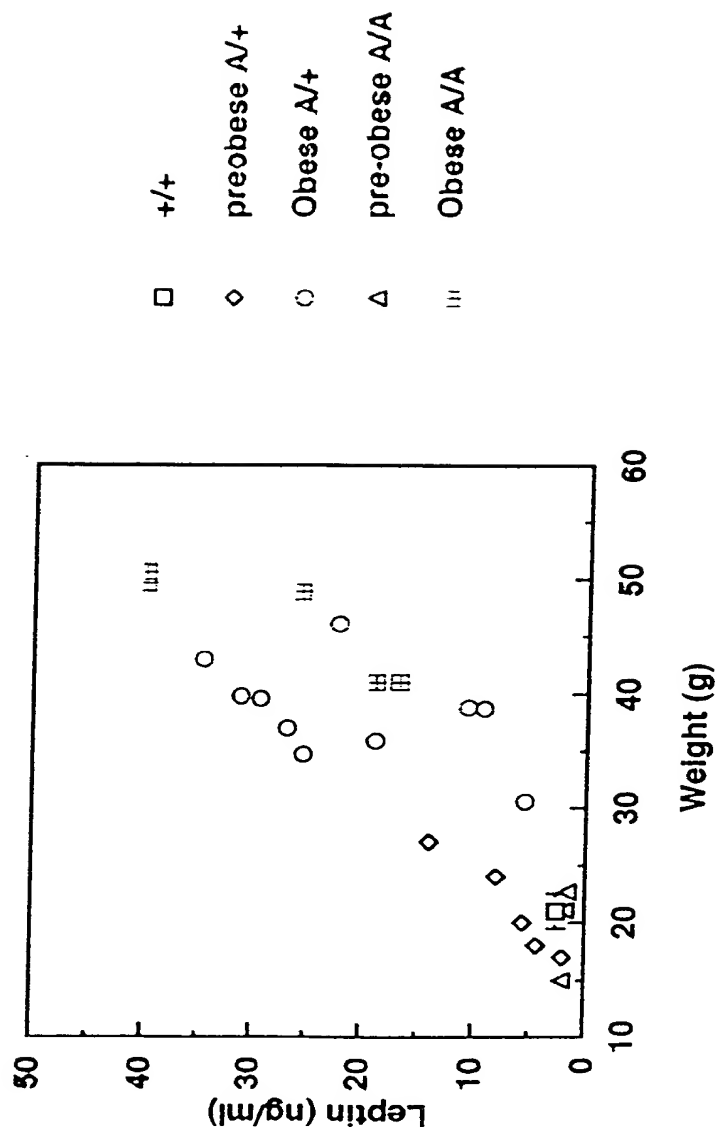


FIG. 8b

INSULIN PLASMA LEVELS ARE ELEVATED ONLY WITH EXTREME OBESITY

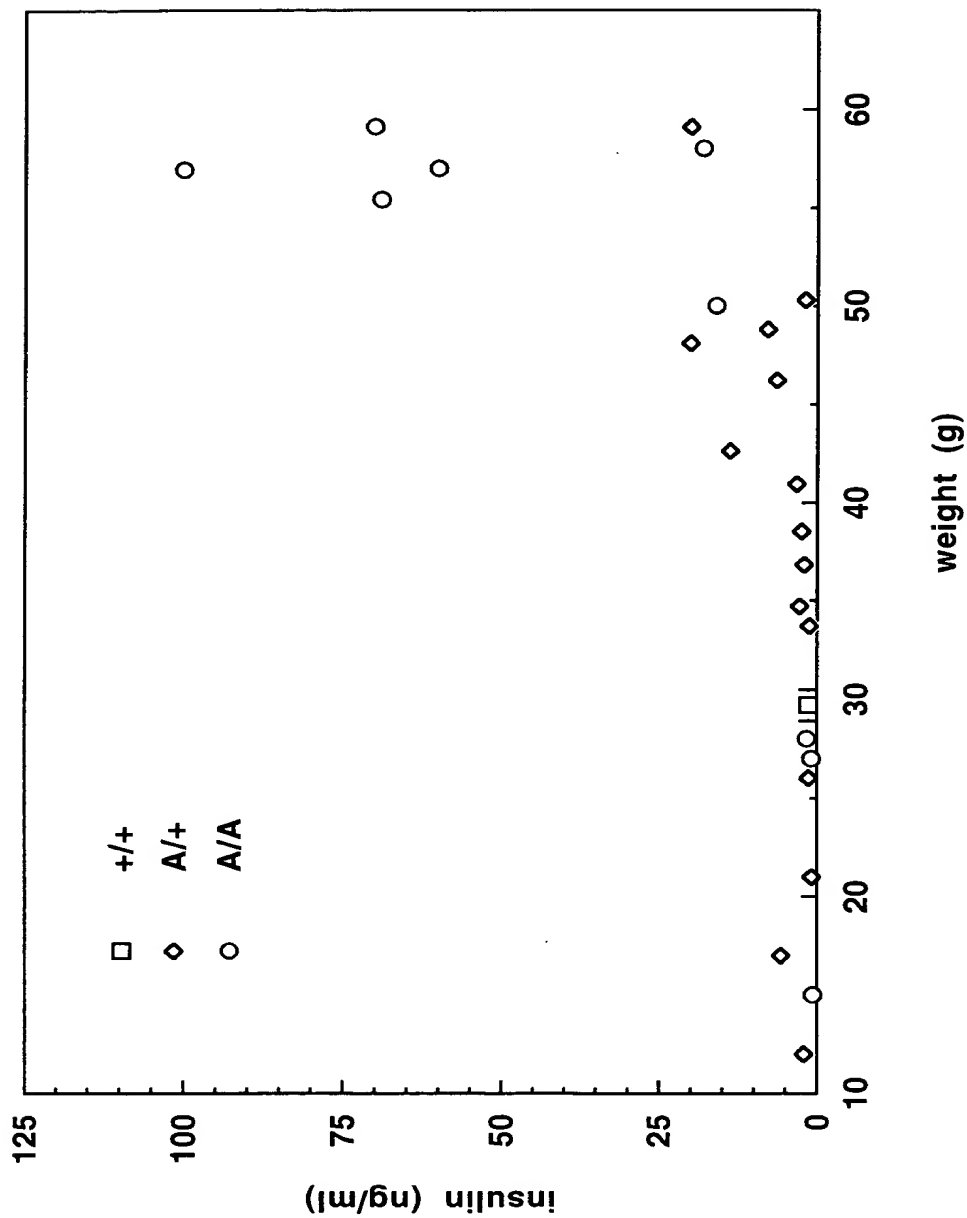


FIG. 9a

Insulin plasma levels in females

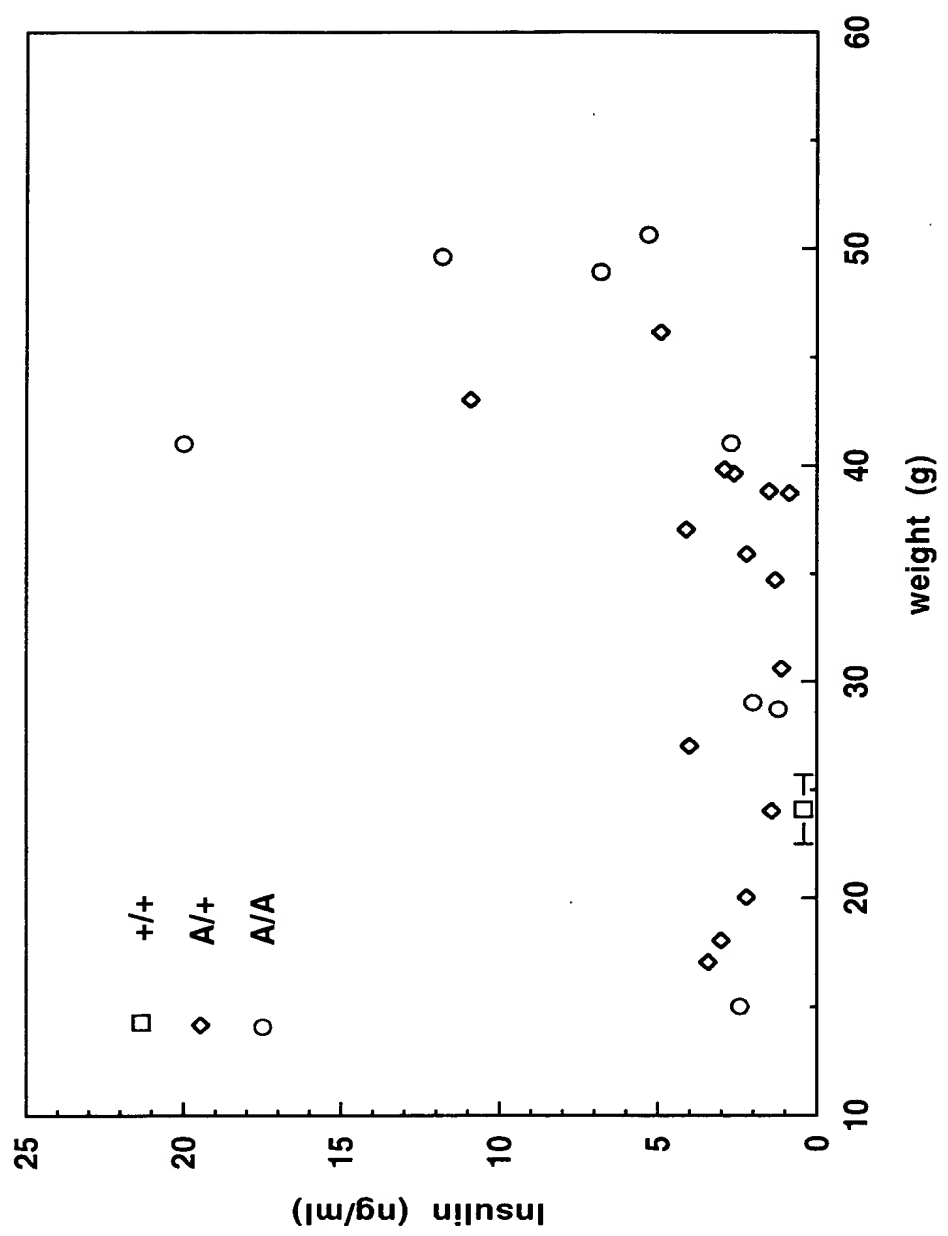


FIG. 9b

HYPERGLYCEMIA IS OBSERVED ONLY IN A/A MALES AT SIX MONTHS OF AGE

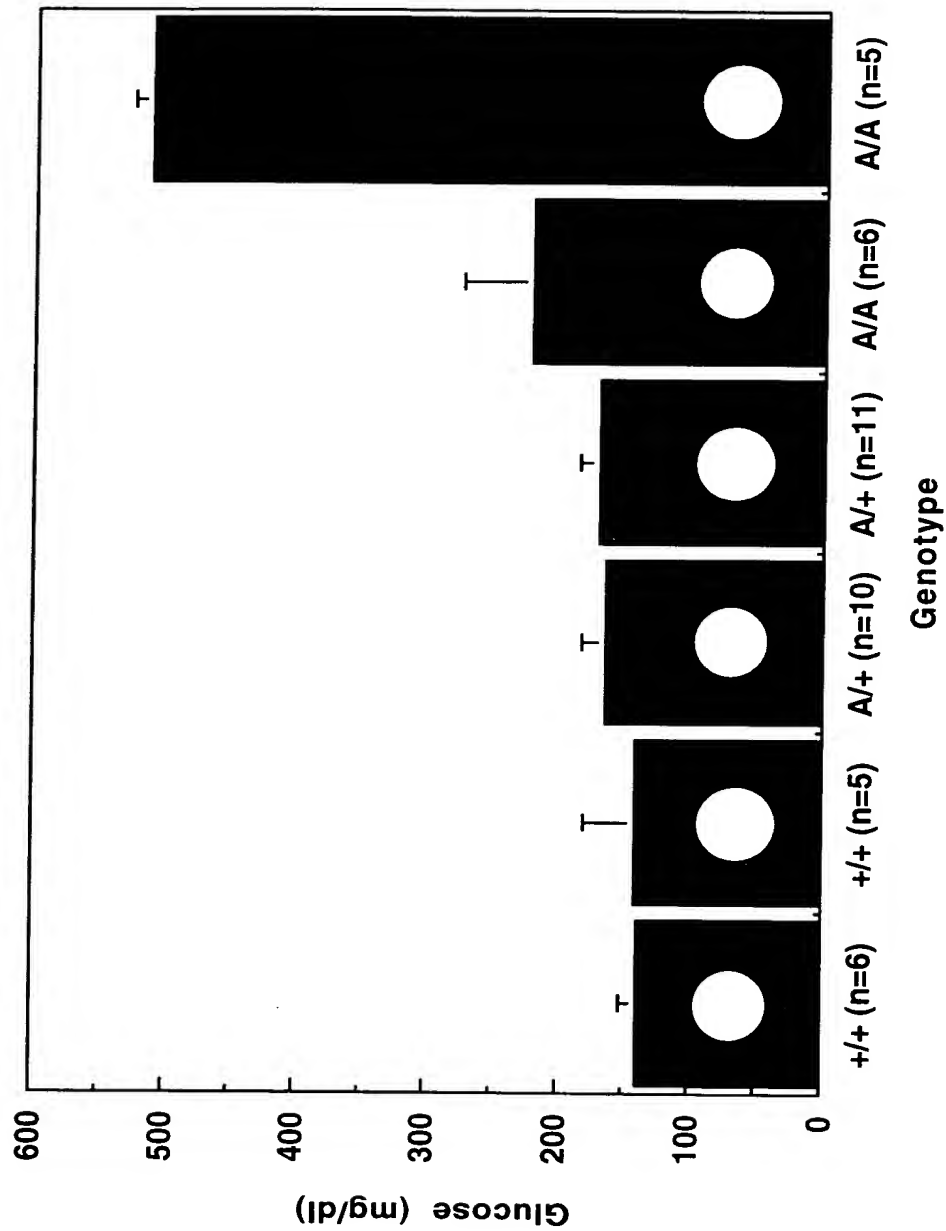


FIG. 10

SYNDECAN-1 ECTODOMAIN IS DETECTED IN PLASMA FROM TRANSGENIC MICE

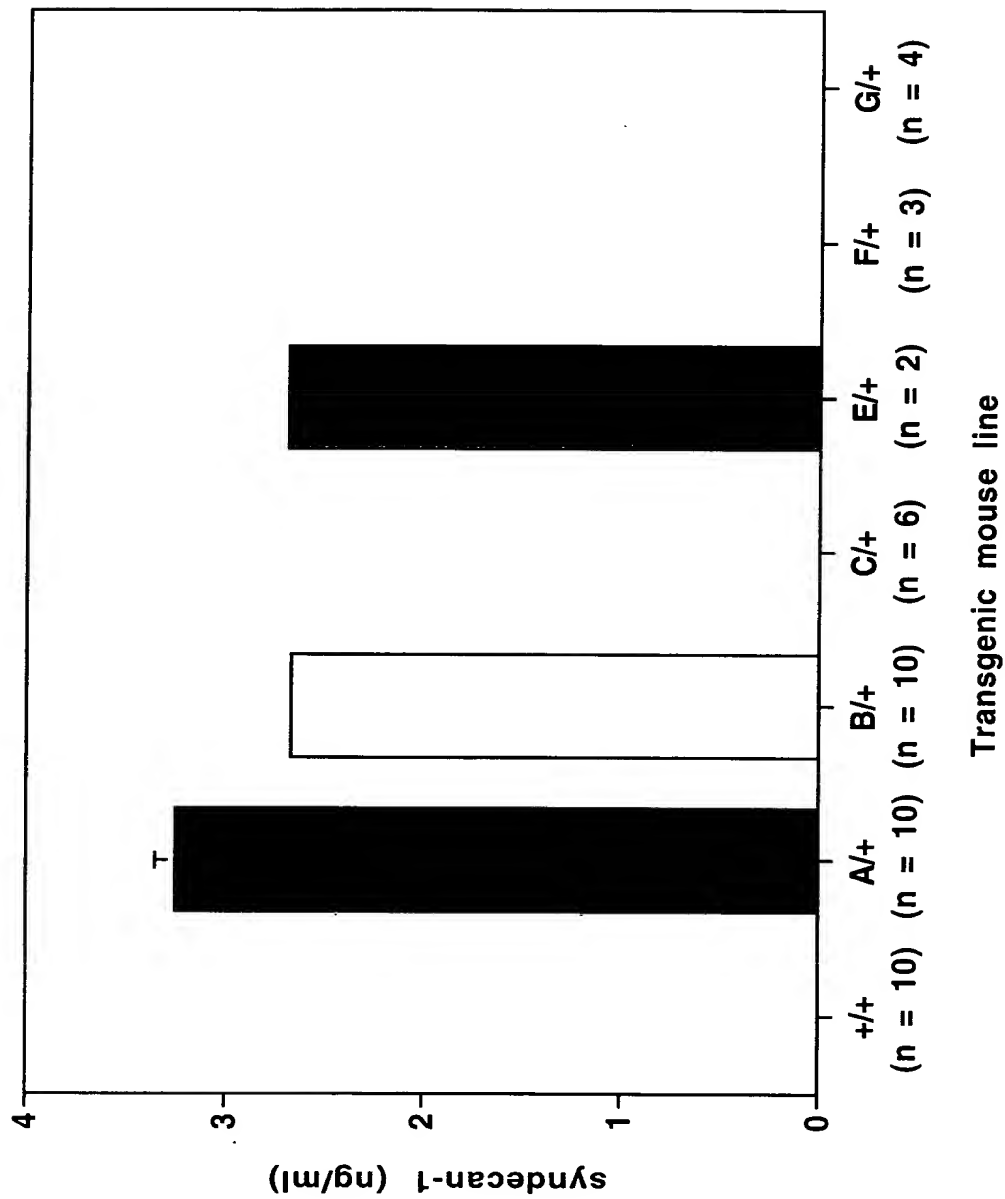


FIG. 11

SYNDECANS AT THE CELL SURFACE

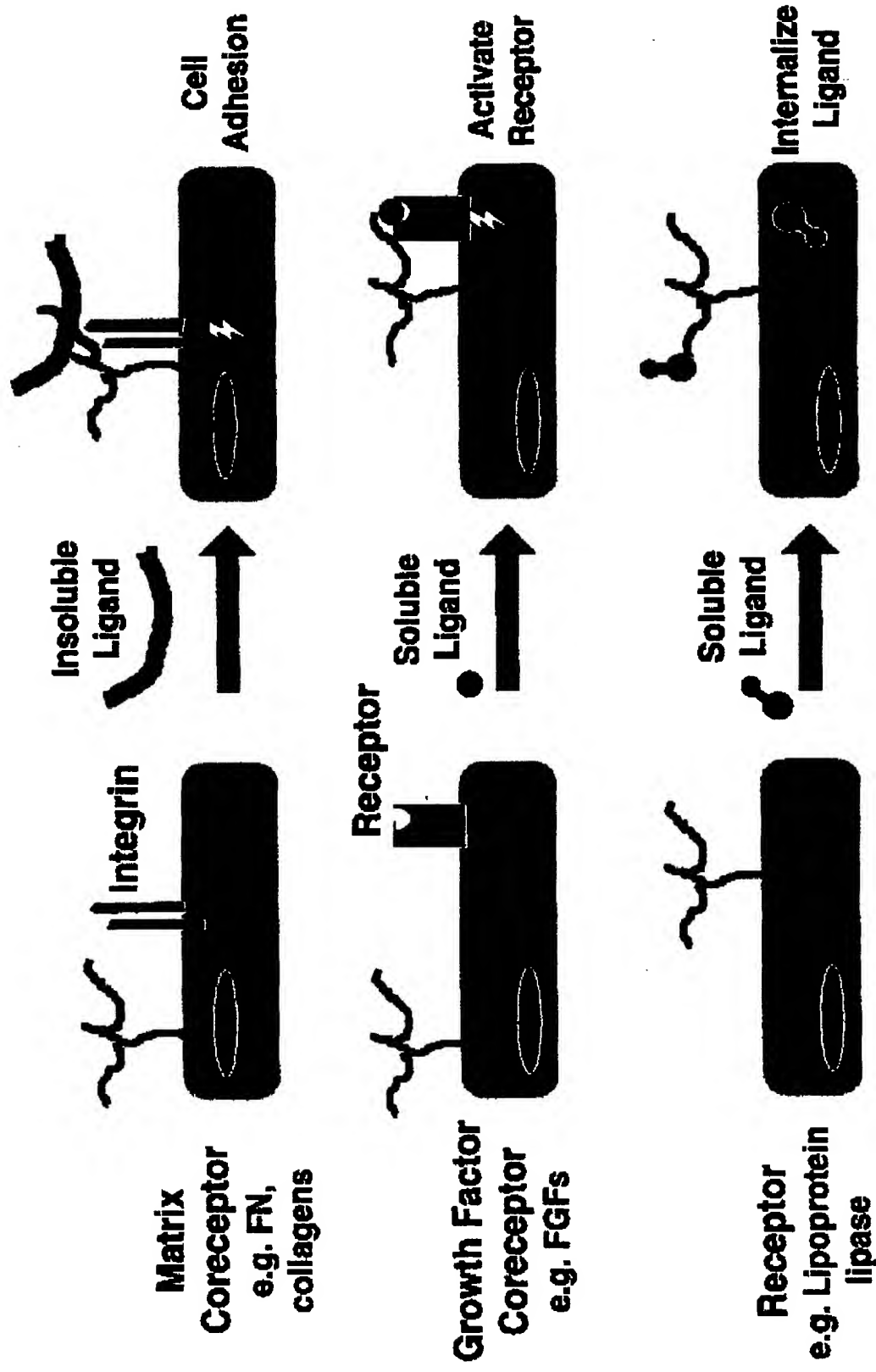


FIG. 12a

SOLUBLE SYNDECANS IN THE EXTRACELLULAR SPACE

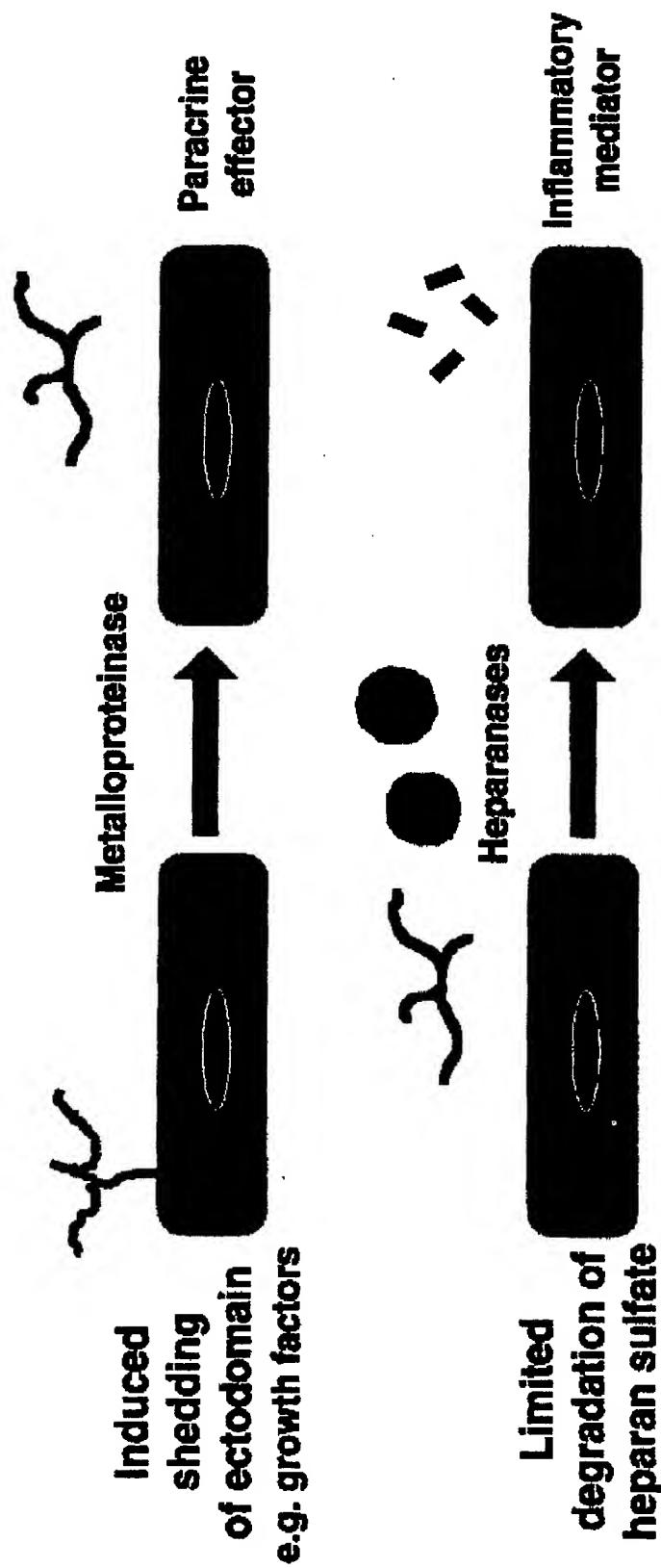


FIG. 12b

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